



## ScSSU1

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1 atgggtgcca attgggtact tgctcttacg aggcatgg accccttcat
51 gtttatgtat gtcatgggtg tcggcatttc atcgaatatt ctatatagtct
101 tcccatatcc tgcaagggtgg ctaagaatat gctcctacat catgtttgct
151 atcaacttgcc ttatttcat tgctgtgcag gcactacaaa tattacattt
201 gattgtctat attaaggaga aaagcttcag agaatatttt aatgactttt
251 tcagaaatat gaagcacagt ttatTTGGG gtacttatcc catggggta
301 gttacaatta taaatttctt aggagcactc tcgaaagcga acacgacgaa
351 gagccccact aattccagaa atttcatgtat atttgtttac gtcttgggt
401 ggtatgtatct cgcatgttgt ctagtaatag cgtgggtat ctcgttctc
451 atctggcatg actattactc ttggaaagggtt attggaaatc atccttcata
501 taatatcaa atggcatccg aaaacatgaa aagtgtattt ctactggata
551 tcattccgct gggtgtcgatc gcttcaagtt gtggaacatt cacaatgtca
601 gaaatattct tccatgcgtt taatagaaat attcaactga taacgttggt
651 catatgtgcc ttaacgtggc tgcatgccat tatcttcgtc ttcatactga
701 ttgcgatata cttctggagt ctatattata ataagatacc accaatgaca
751 cagggtttca ctttattcct gctttggc ccgatgggc aaggaagttt
801 tggaggtctta ttgcttacag ataataaaaaaaa aaaatatgcg ggcaaatatt
851 acccaacaga taacattaca agagaacaag agatattgac tattgcagtt
901 ccatgggtgtt tcaaaaattct aggcatgggtt tctgctatgg cattgctcgc
951 tatgggttat ttttcacccg tgattctgt cggttcaatc ctgtcgtact
1001 acaataaaaaa agagattgaa aacgagacag gaaaagtgaa gagagtttat
1051 accttccaca aagggttttggggatgact ttcccgatgg gtactatgtc
1101 tttaggaaac gaagagttat atgtcagta taaccagtac gttcccttat
1151 atgcatttag agtccttaga accatatacg gcgggttttgcggttgg
1201 tcaattctat gcctttatg cacattgcac gagtattcta aaaagatgct
1251 gcatgctgcc cgtaaatctt cattatttc agagtcaggt acggaaaaga
1301 cgacagtttcc tccgtataac agcattgaaa gcgtggaaga atcaaactcg
1351 gctctagatt ttacgcgtt agcataa (SEQ ID NO: 34)

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## FIG. 10A

U.S. Patent Appln. No. 10/791,791

Filed: March 4, 2004

Title: Screening Method for Genes of Brewing Yeast

Attorney Docket: 47635.0002/00US

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## NonScSSU1

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1 atggtcgcta gttggatgct cactgccaca agggattca acccttcat
51 gtttgtcatg gttattgggg tcggatttc atcgaatatt ctgtacagct
101 tcccgatcc ggcgagggtgg ctgaggatat gctcgatcat catgtttgcc
151 attacatgtt tgatttcat ctctgtacag gcgctgcagc tttgcacat
201 ggtcatctat atcaaagaaa aaagcttag agattactc aatgaatatt
251 tcagaagtct gaagtacaat ttatTTggg gtacttatcc catgggatta
301 gtaacaatca taaattttt gggggcgctg tcacaaaaat ttaccacgac
351 aagccctgcg aatgccaagc acttgatcat tttgtttac gtcctgtggt
401 ggtatgacct cgcggttgt ttagtaaccg cttggggat ttcattcctc
451 atctggcaaa agtactactt cgtggacggg gttggaaatc actcttcata
501 cagttcacga atggcttccg accacatgaa aagcgtactg ttgctagata
551 tcattccgct ggtcggtgtc gcttcgagcg gtggacatt tacaatgtca
601 aaaatattcg gtaccactt tgataggaat attcaattgc taacactggt
651 catctgtgcc ctgggttggc tacacgctct tatatttgc tttattctga
701 ttacaatata cttctggaat ctttacatca ataagatacc accaatgacg
751 caggtattta cgttggttct ggtattgggg ccattggcc aaggaagttt
801 tggtattttg ttgcttactg acaatataag aaagtatgta gaaaaaact
851 acccaaggga aaacatcacc atggaacaag aaatactaac cattatggtt
901 ccgtgggtt tcaagggttct gggcatgaca tttgccttgg cattaatcgc
951 tatgggttac ttcttacgg taattccct tatttcgatt ttatcatact
1001 acaatgaaag agttgttgc aatgaaacag gcaaagtgaa aaggatctac
1051 actttccata aagggttctg ggggatgact ttcccgtatgg gtaccatgtc
1101 ttgggaaac gaggagctgt atctgcaata caaccagtat gttcccttat
1151 atgcattcag agtcatagct accatatatg gtggatttg tggattgtgg
1201 tcaatcttgc gcctctcg tcaagggttct ggttacactaa acacgattct
1251 ccatgctgcc cgtaaacctt cggtttatc agaggaaggg acggagaaga
1301 ctgtcaattt tccttcaac agcatcgaaa gtgtggagga atcaaactcg
1351 gctatcgata gtacatattt aacataa (SEQ ID NO: 1)

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## FIG. 10B

U.S. Patent Appln. No. 10/791,791

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Title: Screening Method for Genes of Brewing Yeast

Attorney Docket: 47635.0002/00US

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## ScMET14

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1 atggctacta atattacttg gcatccaaat cttacttacg acgaacgcaa
51 ggcattgaga aaacaggacg gttgtactat ttggtaaca ggtctaagtg
101 cgtcaggtaa aagtacaatc gcctgtgcgc tagaacagtt actgctccaa
151 aaaaacttgt ctgcataatc attggatggc gacaacattt gttttggatt
201 gaacaaggat ttgggttct cagaaaagga cagaaatgaa aacattcgta
251 gaatttagcga agtttctaag ctattgctg attcatgtgc tatttcaatc
301 acctcattt tctctccata cagagttgac agagatagag ctcgtgaact
351 acataaggag gctgggttga agttcattga aatattgtt gatgttccat
401 tagaagtgcg tgagcaaagg gaccctaagg gtttatacaa gaaagctagg
451 gaggggtgtaa tcaaggagtt tacaggatt tctgccccat atgaagcgcc
501 aaaagctcca gagtacatt tgagaaccga ccagaagacg gttgaagaat
551 gtgctaccat tatttatgag tacttaatca gtgaaaaat catccgtaaag
601 catttgtaa (SEQ ID NO: 35)

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## NonScMET14

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1 atggctacta atatcacttg gcatccaaat cttacctacg acgaacgtaa
51 ggaattaaga aagcaagacg gctgtaccgt ttgggtgacc ggtctaagtg
101 cgtcaggaaa aagtacaata gcttgtgcac tggacaattt actgcttcaa
151 aaaaacttat ctgcttatag gttagatggc gataacattt gttttggttt
201 gaataaggat ttgggttct cagaaaagga cagaaatgaa aacattcgta
251 gaatttagtga agtatccaag ctattcgctg attcgtgtgc tgtatccatc
301 acttcattt tttccccata cagagtcgtt agagacagag cccgtgattt
351 acataaggaa gcaggcttga agttcattga aattttgtt gatgttccat
401 tagaagtgcg tgagcaaaga gaccctaagg gtttgtataa gaaagccaga
451 gaggggtgtaa tttaagagtt cactggatt tcagctcctt acgaagctcc
501 aaaggccccca gagttgcatt taagaactga cccaaaagact gttgaagaat
551 gtgctgctat catttatgag tacctggta atgagaagat tatccggaag
601 catctataa (SEQ ID NO: 2)

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## FIG. 11

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Title: Screening Method for Genes of Brewing Yeast

Attorney Docket: 47635.0002/00US

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